

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE     | NAME              | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|-----------------|----------|-------------------|-------|----------|-------------------------------|
| /JM/                |  | 4,912,705       | 03/1990  | Paneth et al.     |       |          |                               |
|                     |  | 4,949,395       | 08/1990  | Rydbeck           |       |          |                               |
|                     |  | 4,954,950       | 9/4/1990 | Freeman et al.    |       |          |                               |
|                     |  | 5,022,024       | 06/1991  | Paneth et al.     |       |          |                               |
|                     |  | 5,027,125       | 06/1991  | Tang              |       |          |                               |
|                     |  | 5,027,348       | 06/1991  | Curry             |       |          |                               |
|                     |  | 5,027,400       | 06/1991  | Baji et al.       |       |          |                               |
|                     |  | 5,038,149       | 08/1991  | Aubry et al.      |       |          |                               |
|                     |  | 5,056,109       | 10/1991  | Gilhausen et al.  |       |          |                               |
|                     |  | 5,068,916       | 11/1991  | Harrison et al.   |       |          |                               |
|                     |  | 5,101,416       | 03/1992  | Fenton et al.     |       |          |                               |
|                     |  | 5,103,459       | 04/1992  | Gilhausen et al.  |       |          |                               |
|                     |  | 5,114,375       | 05/1992  | Wellhausen et al. |       |          |                               |
|                     |  | 5,115,309       | 05/1992  | Hang              |       |          |                               |
|                     |  | 5,117,236       | 05/1992  | Chang et al.      |       |          |                               |
|                     |  | 5,124,981       | 06/1992  | Golding           |       |          |                               |
|                     |  | 5,130,983       | 07/1992  | Heffner III       |       |          |                               |
|                     |  | 5,166,929       | 11/1992  | Lo                |       |          |                               |
|                     |  | 5,226,044       | 07/1993  | Gupta et al.      |       |          |                               |
|                     |  | 5,235,343       | 08/1993  | Audren et al.     |       |          |                               |
|                     |  | 5,257,283       | 10/1993  | Gilhausen et al.  |       |          |                               |
|                     |  | 5,267,262       | 11/1993  | Wheatly III       |       |          |                               |
|                     |  | 5,268,900       | 12/1993  | Hluchyj et al.    |       |          |                               |
|                     |  | 5,280,472       | 01/1994  | Gilhausen et al.  |       |          |                               |
|                     |  | 5,282,222       | 01/1994  | Fattouche et al.  |       |          |                               |
| /JM/                |  | 5,293,172       | 03/1994  | Lamberty et al.   |       |          |                               |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

ATTY. DOCKET NO.  
TAN-2-1403.05.USSERIAL NO.  
09/997,732U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAPPLICANT  
James A. Proctor, Jr.INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTFILING DATE  
November 29, 2001GROUP  
2461

(Use several sheets if necessary)



## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL        | DOCUMENT NUMBER | DATE    | NAME                          | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------------|-----------------|---------|-------------------------------|-------|----------|-------------------------------|
| /JM/                       | RE37,301        | 07/2001 | Lo                            |       |          |                               |
|                            | 3,560,978       | 02/1971 | Himmel et al.                 |       |          |                               |
|                            | 3,725,938       | 04/1973 | Black et al.                  |       |          |                               |
|                            | 3,742,498       | 06/1973 | Dunn                          |       |          |                               |
|                            | 3,846,799       | 11/1974 | Guegen                        |       |          |                               |
|                            | 3,950,753       | 04/1976 | Chisholm                      |       |          |                               |
|                            | 4,021,813       | 05/1977 | Black et al.                  |       |          |                               |
|                            | 4,099,184       | 07/1978 | Rapshys                       |       |          |                               |
|                            | 4,107,469       | 08/1978 | Jenkins                       |       |          |                               |
|                            | 4,170,766       | 10/1979 | Pridham et al.                |       |          |                               |
|                            | 4,260,994       | 04/1981 | Parker                        |       |          |                               |
|                            | 4,290,071       | 09/1981 | Fenwick                       |       |          |                               |
|                            | 4,387,378       | 06/1983 | Henderson                     |       |          |                               |
|                            | 4,448,155       | 05/1984 | Hillebrand et al.             |       |          |                               |
|                            | 4,577,316       | 03/1986 | Schiff                        |       |          |                               |
|                            | 4,599,733       | 07/1986 | Gutleber                      |       |          |                               |
|                            | 4,625,308       | 11/1986 | Kim et al.                    |       |          |                               |
|                            | 4,631,546       | 12/1986 | Dumas et al.                  |       |          |                               |
|                            | 4,642,806       | 02/1987 | Hewitt et al.                 |       |          |                               |
|                            | 4,675,863       | 06/1987 | Paneth et al.                 |       |          |                               |
|                            | 4,700,197       | 10/1987 | Milne                         |       |          |                               |
|                            | 4,817,089       | 03/1989 | Paneth et al.                 |       |          |                               |
|                            | 4,841,526       | 06/1989 | Wilson et al.                 |       |          |                               |
|                            | 4,862,453       | 08/1989 | West et al.                   |       |          |                               |
| /JM/                       | 4,866,709       | 09/1989 | West et al.                   |       |          |                               |
| EXAMINER<br>/Jason Mattis/ |                 |         | DATE CONSIDERED<br>10/21/2010 |       |          |                               |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |   |   |
|---|---|---|
| <p align="center">FORM PTO-1449</p> <p align="center">U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p align="center">INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p align="center">(Use several sheets if necessary)</p> | <p align="center">ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p align="center">SERIAL NO.<br/>09/997,732</p> |
|   | <p align="center">APPLICANT<br/>James A. Proctor, Jr.</p>   |   |
|   | <p align="center">FILING DATE<br/>November 29, 2001</p>     | <p align="center">GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE       | NAME               | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|-----------------|------------|--------------------|-------|----------|-------------------------------|
| /JM/                |  | 5,294,939       | 03/1994    | Sanford et al.     |       |          |                               |
|                     |  | 5,303,240       | 04/1994    | Borras et al.      |       |          |                               |
|                     |  | 5,325,394       | 06/1994    | Bruckert           |       |          |                               |
|                     |  | 5,325,419       | 06/1994    | Connolly et al.    |       |          |                               |
|                     |  | 5,337,316       | 08/1994    | Weiss et al.       |       |          |                               |
|                     |  | 5,339,316       | 08/1994    | Diepstraten        |       |          |                               |
|                     |  | 5,353,332       | 10/1994    | Raith et al.       |       |          |                               |
|                     |  | 5,355,374       | 11/1994    | Hester et al.      |       |          |                               |
|                     |  | 5,373,502       | 12/1994    | Turban             |       |          |                               |
|                     |  | 5,375,124       | 12/1994    | D'Ambrogio, et al. |       |          |                               |
|                     |  | 5,377,192       | 12/1994    | Gooding et al.     |       |          |                               |
|                     |  | 5,388,102       | 02/1995    | Griffith et al.    |       |          |                               |
|                     |  | 5,394,473       | 02/1995    | Davidson           |       |          |                               |
|                     |  | 5,412,429       | 05/1995    | Glover             |       |          |                               |
|                     |  | 5,414,728       | 05/1995    | Zehavi             |       |          |                               |
|                     |  | 5,422,887       | 06/1995    | Diepstraten et al. |       |          |                               |
|                     |  | 5,430,452       | 07/1995    | DuBois             |       |          |                               |
|                     |  | 5,437,055       | 07/1995    | Wheatley, III      |       |          |                               |
|                     |  | 5,442,625       | 08/1995    | Gitlin et al.      |       |          |                               |
|                     |  | 5,446,727       | 08/1995    | Bruckert et al.    |       |          |                               |
|                     |  | 5,463,629       | 10/1995    | Ko                 |       |          |                               |
|                     |  | 5,471,463       | 11/1995    | Hulbert            |       |          |                               |
|                     |  | 5,479,176       | 12/1995    | Zavrel, Jr.        |       |          |                               |
|                     |  | 5,481,533       | 01/1996    | Honig et al.       |       |          |                               |
|                     |  | 5,487,180       | 01/23/1996 | Ohtake             |       |          |                               |
| /JM/                |  | 5,490,136       | 02/1996    | Sereno et al.      |       |          |                               |

|   |  |
|---|--|
| <p align="center">EXAMINER<br/>/Jason Mattis/</p> | <p align="center">DATE CONSIDERED<br/>10/21/2010</p> |
|---|--|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |   |   |
|---|---|---|
| <p align="center">FORM PTO-1449</p> <p align="center">U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p align="center">INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p align="center">(Use several sheets if necessary)</p> | <p align="center">ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p align="center">SERIAL NO.<br/>09/997,732</p> |
|   | <p align="center">APPLICANT<br/>James A. Proctor, Jr.</p>   |   |
|   | <p align="center">FILING DATE<br/>November 29, 2001</p>     | <p align="center">GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE       | NAME                       | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|-----------------|------------|----------------------------|-------|----------|-------------------------------|
| /JM/                |  | 5,493,569       | 02/1996    | Buchholtz et al.           |       |          |                               |
|                     |  | 5,502,447       | 03/1996    | Kumpfbeck et al.           |       |          |                               |
|                     |  | 5,511,068       | 04/1996    | Sato                       |       |          |                               |
|                     |  | 5,537,397       | 07/1996    | Abramson                   |       |          |                               |
|                     |  | 5,537,414       | 07/16/1996 | Takiyasu et al.            |       |          |                               |
|                     |  | 5,550,828       | 08/27/1996 | Gries et al.               |       |          |                               |
|                     |  | 5,559,789       | 09/1996    | Nakano et al.              |       |          |                               |
|                     |  | 5,577,022       | 11/19/1996 | Padovani et al.            |       |          |                               |
|                     |  | 5,581,575       | 12/1996    | Zehavi et al.              |       |          |                               |
|                     |  | 5,585,850       | 12/1996    | Schwaller                  |       |          |                               |
|                     |  | 5,586,119       | 12/1996    | Scribano et al.            |       |          |                               |
|                     |  | 5,590,409       | 12/1996    | Sawahashi et al.           |       |          |                               |
|                     |  | 5,592,178       | 01/1997    | Chang et al.               |       |          |                               |
|                     |  | 5,592,468       | 01/1997    | Sato                       |       |          |                               |
|                     |  | 5,592,470       | 01/1997    | Rudrapatna et al.          |       |          |                               |
|                     |  | 5,592,471       | 01/1997    | Briskman                   |       |          |                               |
|                     |  | 5,598,416       | 01/1997    | Yamada et al.              |       |          |                               |
|                     |  | 5,598,417       | 01/1997    | Crisler et al.             |       |          |                               |
|                     |  | 5,604,730       | 02/1997    | Tiedemann Jr.              |       |          |                               |
|                     |  | 5,606,580       | 02/1997    | Mourot et al. <sup>1</sup> |       |          |                               |
|                     |  | 5,617,102       | 04/1997    | Prater                     |       |          |                               |
|                     |  | 5,617,423       | 04/1997    | Li et al.                  |       |          |                               |
|                     |  | 5,619,492       | 04/1997    | Press et al.               |       |          |                               |
|                     |  | 5,619,524       | 04/1997    | Ling et al.                |       |          |                               |
| /JM/                |  | 5,621,752       | 04/1997    | Antonio et al.             |       |          |                               |

|   |  |
|---|--|
| <p align="center">EXAMINER<br/>/Jason Mattis/</p> | <p align="center">DATE CONSIDERED<br/>10/21/2010</p> |
|---|--|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |   | DOCUMENT NUMBER | DATE    | NAME               | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|---|-----------------|---------|--------------------|-------|----------|-------------------------------|
| /JM/                |   | 5,634,199       | 05/1997 | Gerlach et al.     |       |          |                               |
|                     |   | 5,642,348       | 06/1997 | Barzegar et al.    |       |          |                               |
|                     |   | 5,642,377       | 06/1997 | Chung et al.       |       |          |                               |
|                     |   | 5,652,764       | 07/1997 | Kanzaki et al.     |       |          |                               |
|                     |   | 5,655,001       | 08/1997 | Cline et al.       |       |          |                               |
|                     |   | 5,657,326       | 08/1997 | Burns et al.       |       |          |                               |
|                     |   | 5,657,358       | 08/1997 | Panech et al.      |       |          |                               |
|                     |   | 5,663,958       | 09/1997 | Ward               |       |          |                               |
|                     |   | 5,663,990       | 09/1997 | Bolgiano et al.    |       |          |                               |
|                     |   | 5,673,259       | 09/1997 | Quick, Jr.         |       |          |                               |
|                     |   | 5,680,142       | 10/1997 | Smith et al.       |       |          |                               |
|                     |   | 5,684,794       | 11/1997 | Lopez et al.       |       |          |                               |
|                     |   | 5,687,194       | 11/1997 | Paneth et al.      |       |          |                               |
|                     |   | 5,689,502       | 11/1997 | Scott              |       |          |                               |
|                     |   | 5,697,059       | 12/1997 | Carney             |       |          |                               |
|                     |   | 5,699,364       | 12/1997 | Sato et al.        |       |          |                               |
|                     |   | 5,708,656       | 01/1998 | Noneman et al.     |       |          |                               |
|                     |   | 5,712,869       | 01/1998 | Lee et al.         |       |          |                               |
|                     |   | 5,715,236       | 02/1998 | Gilhousen et al.   |       |          |                               |
|                     |   | 5,726,981       | 03/1998 | Yltervo et al.     |       |          |                               |
|                     |   | 5,734,646       | 03/1998 | I et al.           |       |          |                               |
|                     |   | 5,739,784       | 04/1998 | Jan et al.         |       |          |                               |
|                     |   | 5,742,592       | 04/1998 | Scholefield et al. |       |          |                               |
|                     |   | 5,745,484       | 04/1998 | Scott              |       |          |                               |
|                     | † | 5,745,484       | 04/1998 | Scott              |       |          |                               |
| /JM/                |   | 5,758,288       | 05/1998 | Dunn et al.        |       |          |                               |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE       | NAME                  | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|-----------------|------------|-----------------------|-------|----------|-------------------------------|
| /JM/                |  | 5,767,807       | 06/1998    | Pritchett             |       |          |                               |
|                     |  | 5,781,542       | 07/1998    | Tanaka et al.         |       |          |                               |
|                     |  | 5,781,543       | 07/1998    | Ault et al.           |       |          |                               |
|                     |  | 5,784,406       | 07/1998    | DeJaco et al.         |       |          |                               |
|                     |  | 5,790,549       | 08/1998    | Dent                  |       |          |                               |
|                     |  | 5,790,551       | 08/1998    | Chan                  |       |          |                               |
|                     |  | 5,793,744       | 08/1998    | Kanerva et al.        |       |          |                               |
|                     |  | 5,802,046       | 09/1998    | Scott                 |       |          |                               |
|                     |  | 5,802,465       | 09/1998    | Hamalainen et al.     |       |          |                               |
|                     |  | 5,805,994       | 09/1998    | Perrault et al.       |       |          |                               |
|                     |  | 5,812,131       | 09/1998    | Bertram               |       |          |                               |
|                     |  | 5,825,807       | 10/1998    | Kumar                 |       |          |                               |
|                     |  | 5,828,659       | 10/1998    | Teder et al.          |       |          |                               |
|                     |  | 5,828,662       | 10/1998    | Jalali et al.         |       |          |                               |
|                     |  | 5,838,720       | 11/17/1998 | Morelli               |       |          |                               |
|                     |  | 5,841,768       | 11/1998    | Ozluturk et al.       |       |          |                               |
|                     |  | 5,844,894       | 12/1998    | Dent                  |       |          |                               |
|                     |  | 5,845,211       | 12/1998    | Roach                 |       |          |                               |
|                     |  | 5,854,786       | 12/1998    | Henderson et al.      |       |          |                               |
|                     |  | 5,856,971       | 01/1999    | Gitlin et al.         |       |          |                               |
|                     |  | 5,859,840       | 01/1999    | Tiedemann, Jr. et al. |       |          |                               |
|                     |  | 5,859,879       | 01/1999    | Bolgiano et al.       |       |          |                               |
|                     |  | 5,862,476       | 01/1999    | Hasegawa et al.       |       |          |                               |
|                     |  | 5,867,527       | 02/1999    | Ziv et al.            |       |          |                               |
|                     |  | 5,872,786       | 02/1999    | Shobatake             |       |          |                               |
| /JM/                |  | 5,873,043       | 02/16/1999 | Comer                 |       |          |                               |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |   | DOCUMENT NUMBER | DATE       | NAME                  | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|---|-----------------|------------|-----------------------|-------|----------|-------------------------------|
| /JM/                |   | 5,881,060       | 03/1999    | Morrow et al.         |       |          |                               |
|                     |   | 5,881,368       | 03/1999    | Grob et al.           |       |          |                               |
|                     |   | 5,884,196       | 03/1999    | Lekven et al.         |       |          |                               |
|                     |   | 5,892,774       | 04/1999    | Zehavi et al.         |       |          |                               |
|                     |   | 5,893,035       | 04/1999    | Chen                  |       |          |                               |
|                     |   | 5,894,473       | 04/1999    | Dent                  |       |          |                               |
|                     |   | 5,896,376       | 04/1999    | Alperovich et al.     |       |          |                               |
|                     |   | 5,898,929       | 04/1999    | Haartsen              |       |          |                               |
|                     |   | 5,903,834       | 05/1999    | Wallstedt et al.      |       |          |                               |
|                     |   | 5,905,473       | 05/1999    | Taenzer               |       |          |                               |
|                     |   | 5,910,944       | 06/1999    | Callicotte et al.     |       |          |                               |
|                     |   | 5,910,945       | 06/1999    | Garrison et al.       |       |          |                               |
|                     |   | 5,914,950       | 06/1999    | Tiedemann, Jr. et al. |       |          |                               |
|                     |   | 5,915,216       | 06/22/1999 | Lysejko               |       |          |                               |
|                     |   | 5,923,650       | 07/1999    | Chen et al.           |       |          |                               |
|                     |   | 5,926,500       | 07/1999    | Odenwalder            |       |          |                               |
|                     |   | 5,930,230       | 07/1999    | Odenwalder et al.     |       |          |                               |
|                     |   | 5,933,781       | 08/1999    | Willenegger et al.    |       |          |                               |
|                     |   | 5,943,362       | 08/1999    | Saito                 |       |          |                               |
|                     |   | 5,949,814       | 09/1999    | Odenwalder et al.     |       |          |                               |
|                     |   | 5,950,131       | 09/1999    | Vilmur                |       |          |                               |
|                     |   | 5,956,332       | 09/1999    | Rasanen et al.        |       |          |                               |
|                     |   | 5,959,980       | 09/1999    | Scott                 |       |          |                               |
|                     |   | 5,960,361       | 09/1999    | Chen                  |       |          |                               |
| ↓                   | † | 5,963,559       | 10/05/1999 | Ohki                  |       |          |                               |
| /JM/                |   | 5,966,374       | 10/1999    | Rasanen               |       |          |                               |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |   | DOCUMENT NUMBER | DATE       | NAME                 | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|---|-----------------|------------|----------------------|-------|----------|-------------------------------|
| /JM/                |   | 5,974,036       | 10/26/1999 | Acharya et al.       |       |          |                               |
|                     |   | 5,982,760       | 11/1999    | Chen                 |       |          |                               |
|                     |   | 5,990,806       | 11/1999    | Mock et al.          |       |          |                               |
|                     |   | 5,991,279       | 11/1999    | Haugli et al.        |       |          |                               |
|                     |   | 5,991,284       | 11/1999    | Willenegger et al.   |       |          |                               |
|                     |   | 5,991,618       | 11/23/1999 | Hall                 |       |          |                               |
|                     |   | 6,001,800       | 12/1999    | Mehta et al.         |       |          |                               |
|                     |   | 6,002,690       | 12/1999    | Takayama et al.      |       |          |                               |
|                     |   | 6,005,852       | 12/1999    | Kokko et al.         |       |          |                               |
|                     |   | 6,005,855       | 12/1999    | Zehavi et al.        |       |          |                               |
|                     |   | 6,009,106       | 12/1999    | Rustad et al.        |       |          |                               |
|                     |   | 6,011,800       | 01/2000    | Nadgauda et al.      |       |          |                               |
|                     |   | 6,016,312       | 01/2000    | Storn et al.         |       |          |                               |
|                     |   | 6,028,868       | 02/2000    | Yeung et al.         |       |          |                               |
|                     |   | 6,031,827       | 02/2000    | Rikkinen et al.      |       |          |                               |
|                     |   | 6,031,832       | 02/2000    | Turina               |       |          |                               |
|                     |   | 6,034,638       | 03/2000    | Thiel et al.         |       |          |                               |
|                     |   | 6,037,905       | 03/2000    | Koscica et al.       |       |          |                               |
|                     |   | 6,038,450       | 03/14/2000 | Brink et al.         |       |          |                               |
|                     |   | 6,049,535       | 04/2000    | Ozluturk             |       |          |                               |
|                     |   | 6,049,538       | 04/2000    | Scott                |       |          |                               |
|                     |   | 6,052,385       | 04/2000    | Kanerva et al.       |       |          |                               |
|                     |   | 6,058,338       | 05/2000    | Agashe et al.        |       |          |                               |
|                     |   | 6,064,678       | 05/2000    | Sindhushayana et al. |       |          |                               |
| ↓                   | † | 6,069,880       | 05/2000    | Owen et al.          |       |          |                               |
| /JM/                |   | 6,069,883       | 05/2000    | Ejzak et al.         |       |          |                               |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE    | NAME                | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|-----------------|---------|---------------------|-------|----------|-------------------------------|
| /JM/                |  | 6,070,071       | 05/2000 | Chavez et al.       |       |          |                               |
|                     |  | 6,075,974       | 06/2000 | Saints et al.       |       |          |                               |
|                     |  | 6,078,572       | 06/2000 | Tanno et al.        |       |          |                               |
|                     |  | 6,081,536       | 06/2000 | Gorsuch et al.      |       |          |                               |
|                     |  | 6,088,335       | 07/2000 | I et al.            |       |          |                               |
|                     |  | 6,094,421       | 07/2000 | Scott               |       |          |                               |
|                     |  | 6,094,576       | 07/2000 | Häkkinen et al.     |       |          |                               |
|                     |  | 6,097,733       | 08/2000 | Basu et al.         |       |          |                               |
|                     |  | 6,097,972       | 08/2000 | Saints et al.       |       |          |                               |
|                     |  | 6,100,843       | 08/2000 | Proctor, Jr. et al. |       |          |                               |
|                     |  | 6,101,176       | 08/2000 | Honkasalo et al.    |       |          |                               |
|                     |  | 6,101,179       | 08/2000 | Soliman             |       |          |                               |
|                     |  | 6,104,708       | 08/2000 | Bergamo             |       |          |                               |
|                     |  | 6,111,863       | 08/2000 | Rostoker et al.     |       |          |                               |
|                     |  | 6,112,092       | 08/2000 | Benveniste          |       |          |                               |
|                     |  | 6,115,370       | 09/2000 | Struhsaker et al.   |       |          |                               |
|                     |  | 6,118,767       | 09/2000 | Shen et al.         |       |          |                               |
|                     |  | 6,134,233       | 10/2000 | Kay                 |       |          |                               |
|                     |  | 6,151,332       | 11/2000 | Gorsuch et al.      |       |          |                               |
|                     |  | 6,157,616       | 12/2000 | Whitehead           |       |          |                               |
|                     |  | 6,157,619       | 12/2000 | Ozluturk et al.     |       |          |                               |
|                     |  | 6,161,013       | 12/2000 | Anderson et al.     |       |          |                               |
|                     |  | 6,163,707       | 12/2000 | Miller              |       |          |                               |
|                     |  | 6,169,731       | 01/2001 | Stewart et al.      |       |          |                               |
|                     |  | 6,169,759       | 01/2001 | Kanterakis et al.   |       |          |                               |
| /JM/                |  | 6,185,184       | 02/2001 | Mattaway et al.     |       |          |                               |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |   |                                 |
|---|---|---------------------------------|
| <b>FORM PTO-1449</b><br><br><b>U.S. DEPARTMENT OF COMMERCE</b><br><b>PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE</b><br><b>STATEMENT BY APPLICANT</b><br><br>(Use several sheets if necessary) | <b>ATTY. DOCKET NO.</b><br>TAN-2-1403.05.US | <b>SERIAL NO.</b><br>09/997,732 |
|   | <b>APPLICANT</b><br>James A. Proctor, Jr.   |                                 |
|   | <b>FILING DATE</b><br>November 29, 2001     | <b>GROUP</b><br>2461            |

| EXAMINER<br>INITIAL |   | DOCUMENT NUMBER | DATE       | NAME             | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|---|-----------------|------------|------------------|-------|----------|-------------------------------|
| /JM/                |   | 6,185,266       | 02/2001    | Kuchi et al.     |       |          |                               |
|                     |   | 6,188,678       | 02/2001    | Prescott         |       |          |                               |
|                     |   | 6,188,903       | 02/2001    | Gardner et al.   |       |          |                               |
|                     | † | 6,195,362       | 02/2001    | Darcie et al.    |       |          |                               |
|                     |   | 6,198,723       | 03/2001    | Parruck et al.   |       |          |                               |
|                     |   | 6,201,966       | 03/2001    | Rinne et al.     |       |          |                               |
|                     |   | 6,208,871       | 03/2001    | Hall et al.      |       |          |                               |
|                     |   | 6,212,175       | 04/2001    | Harsch           |       |          |                               |
|                     |   | 6,212,220       | 04/2001    | Proctor Jr.      |       |          |                               |
|                     | † | 6,214,342       | 04/2001    | Alberici et al.  |       |          |                               |
|                     |   | 6,215,798       | 04/2001    | Carneheim et al. |       |          |                               |
|                     |   | 6,219,342       | 04/2001    | Rege             |       |          |                               |
|                     |   | 6,222,828       | 04/2001    | Ohlson et al.    |       |          |                               |
|                     |   | 6,222,832       | 04/2001    | Proctor          |       |          |                               |
|                     |   | 6,222,873       | 04/2001    | Bang et al.      |       |          |                               |
|                     |   | 6,226,279       | 05/2001    | Hansson et al.   |       |          |                               |
|                     |   | 6,226,527       | 05/2001    | Dalsgaard et al. |       |          |                               |
|                     |   | 6,233,439       | 05/2001    | Jalali           |       |          |                               |
|                     |   | 6,236,646       | 05/2001    | Berning et al.   |       |          |                               |
|                     |   | 6,236,647       | 05/2001    | Amalfitano       |       |          |                               |
|                     |   | 6,236,674       | 05/22/2001 | Morelli et al.   |       |          |                               |
|                     |   | 6,243,372       | 06/2001    | Petch et al.     |       |          |                               |
|                     |   | 6,246,673       | 06/2001    | Tiedmann et al.  |       |          |                               |
|                     |   | 6,246,715       | 06/2001    | Park et al.      |       |          |                               |
|                     |   | 6,256,509       | 07/2001    | Tanaka et al.    |       |          |                               |
| /JM/                |   | 6,259,683       | 07/2001    | Sekine et al.    |       |          |                               |

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| <b>EXAMINER</b><br>/Jason Mattis/ | <b>DATE CONSIDERED</b><br>10/21/2010 |
|-----------------------------------|--------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |   |   |
|---|---|---|
| <p align="center">FORM PTO-1449</p> <p align="center">U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p align="center">INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p align="center">(Use several sheets if necessary)</p> | <p align="center">ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p align="center">SERIAL NO.<br/>09/997,732</p> |
|   | <p align="center">APPLICANT<br/>James A. Proctor, Jr.</p>   |   |
|   | <p align="center">FILING DATE<br/>November 29, 2001</p>     | <p align="center">GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE    | NAME                 | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|-----------------|---------|----------------------|-------|----------|-------------------------------|
| /JM/                |  | 6,262,980       | 07/2001 | Leung et al.         |       |          |                               |
|                     |  | 6,263,013       | 07/2001 | Hendrickson          |       |          |                               |
|                     |  | 6,269,075       | 07/2001 | Tran                 |       |          |                               |
|                     |  | 6,269,088       | 07/2001 | Masui et al.         |       |          |                               |
|                     |  | 6,272,168       | 08/2001 | Lomp et al.          |       |          |                               |
|                     |  | 6,272,354       | 08/2001 | Saaroj               |       |          |                               |
|                     |  | 6,275,478       | 08/2001 | Tiedemann Jr.        |       |          |                               |
|                     |  | 6,278,701       | 08/2001 | Ayyagari et al.      |       |          |                               |
|                     |  | 6,285,665       | 09/2001 | Chuah                |       |          |                               |
|                     |  | 6,292,474       | 09/2001 | Ali et al.           |       |          |                               |
|                     |  | 6,301,286       | 10/2001 | Kanterakis et al.    |       |          |                               |
|                     |  | 6,301,291       | 10/2001 | Rouphael et al.      |       |          |                               |
|                     |  | 6,304,215       | 10/2001 | Proctor, Jr. et al.  |       |          |                               |
|                     |  | 6,307,840       | 10/2001 | Wheatley III et al.  |       |          |                               |
|                     |  | 6,310,859       | 10/2001 | Morita et al.        |       |          |                               |
|                     |  | 6,314,300       | 11/2001 | Nakashima et al.     |       |          |                               |
|                     |  | 6,317,092       | 11/2001 | De Schweinitz et al. |       |          |                               |
|                     |  | 6,320,851       | 11/2001 | Kim et al.           |       |          |                               |
|                     |  | 6,332,008       | 12/2001 | Giallorenzi et al.   |       |          |                               |
|                     |  | 6,337,668       | 01/2002 | Ito et al.           |       |          |                               |
|                     |  | 6,353,412       | 03/2002 | Soliman              |       |          |                               |
|                     |  | 6,353,645       | 03/2002 | Solve et al.         |       |          |                               |
|                     |  | 6,356,555       | 03/2002 | Rakib                |       |          |                               |
|                     |  | 6,366,570       | 04/2002 | Bhagalia             |       |          |                               |
|                     |  | 6,366,786       | 04/2002 | Norman et al.        |       |          |                               |
| /JM/                |  | 6,370,117       | 04/2002 | Koraitim et al.      |       |          |                               |

|   |  |
|---|--|
| <p align="center">EXAMINER<br/>/Jason Mattis/</p> | <p align="center">DATE CONSIDERED<br/>10/21/2010</p> |
|---|--|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |   |   |
|---|---|---|
| <p align="center">FORM PTO-1449</p> <p align="center">U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p align="center">INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p align="center">(Use several sheets if necessary)</p> | <p align="center">ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p align="center">SERIAL NO.<br/>09/997,732</p> |
|   | <p align="center">APPLICANT<br/>James A. Proctor, Jr.</p>   |   |
|   | <p align="center">FILING DATE<br/>November 29, 2001</p>     | <p align="center">GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE       | NAME                         | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|-----------------|------------|------------------------------|-------|----------|-------------------------------|
| /JM/                |  | 6,373,830       | 04/2002    | Ozluturk                     |       |          |                               |
|                     |  | 6,373,834       | 04/2002    | Lundh et al.                 |       |          |                               |
|                     |  | 6,377,548       | 04/2002    | Chuah                        |       |          |                               |
|                     |  | 6,377,809       | 04/2002    | Rezaiifar et al.             |       |          |                               |
|                     |  | 6,388,997       | 05/2002    | Scott                        |       |          |                               |
|                     |  | 6,388,999       | 05/2002    | Gorsuch et al.               |       |          |                               |
|                     |  | 6,389,000       | 05/2002    | Jou                          |       |          |                               |
|                     |  | 6,396,804       | 05/2002    | Odenwalder                   |       |          |                               |
|                     |  | 6,396,823       | 05/2002    | Park et al.                  |       |          |                               |
|                     |  | 6,418,148       | 07/2002    | Kumar et al.                 |       |          |                               |
|                     |  | 6,424,645       | 07/23/2002 | Kawabata et al. <sup>3</sup> |       |          |                               |
|                     |  | 6,426,960       | 07/2002    | Antonio                      |       |          |                               |
|                     |  | 6,452,911       | 09/2002    | Seo                          |       |          |                               |
|                     |  | 6,452,913       | 09/2002    | Proctor, Jr.                 |       |          |                               |
|                     |  | 6,453,176       | 09/2002    | Lopes et al.                 |       |          |                               |
|                     |  | 6,456,608       | 09/2002    | Lomp                         |       |          |                               |
|                     |  | 6,466,800       | 10/2002    | Sydon et al.                 |       |          |                               |
|                     |  | 6,469,991       | 10/2002    | Chuah                        |       |          |                               |
|                     |  | 6,473,623       | 10/2002    | Benveniste                   |       |          |                               |
|                     |  | 6,483,816       | 11/2002    | Tsunebara et al.             |       |          |                               |
|                     |  | 6,490,461       | 12/2002    | Muller                       |       |          |                               |
|                     |  | 6,498,785       | 12/2002    | Derryberry et al.            |       |          |                               |
|                     |  | 6,498,790       | 12/2002    | Shaheen et al.               |       |          |                               |
|                     |  | 6,498,939       | 12/2002    | Thomas                       |       |          |                               |
|                     |  | 6,501,787       | 12/2002    | Odenwalder et al.            |       |          |                               |
| /JM/                |  | 6,504,830       | 01/2003    | Östberg et al.               |       |          |                               |

|   |  |
|---|--|
| <p align="center">EXAMINER<br/>/Jason Mattis/</p> | <p align="center">DATE CONSIDERED<br/>10/21/2010</p> |
|---|--|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|  |                                      |                          |
|--|--------------------------------------|--------------------------|
| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>TAN-2-1403.05.US | SERIAL NO.<br>09/997,732 |
|  | APPLICANT<br>James A. Proctor, Jr.   |                          |
|  | FILING DATE<br>November 29, 2001     | GROUP<br>2461            |

| EXAMINER<br>INITIAL |   | DOCUMENT NUMBER | DATE       | NAME                  | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|---|-----------------|------------|-----------------------|-------|----------|-------------------------------|
| /JM/                |   | 6,512,751       | 01/2003    | Struhsaker et al.     |       |          |                               |
|                     |   | 6,512,931       | 01/2003    | Kim et al.            |       |          |                               |
|                     |   | 6,519,452       | 02/2003    | Agostino et al.       |       |          |                               |
|                     |   | 6,519,651       | 02/2003    | Dillon                |       |          |                               |
|                     |   | 6,522,639       | 02/2003    | Kitade et al.         |       |          |                               |
|                     |   | 6,526,039       | 02/2003    | Dahlman et al.        |       |          |                               |
|                     |   | 6,526,064       | 02/2003    | Bousquet <sup>2</sup> |       |          |                               |
|                     |   | 6,526,281       | 02/2003    | Gorsuch et al.        |       |          |                               |
|                     |   | 6,532,226       | 03/2003    | Lehtinent et al.      |       |          |                               |
|                     |   | 6,532,365       | 03/2003    | Anderson et al.       |       |          |                               |
|                     |   | 6,542,481       | 04/2003    | Foore et al.          |       |          |                               |
|                     |   | 6,545,986       | 04/2003    | Stellakis             |       |          |                               |
|                     |   | 6,545,994       | 04/2003    | Nelson et al.         |       |          |                               |
|                     |   | 6,546,252       | 04/2003    | Jetzek et al.         |       |          |                               |
|                     |   | 6,567,391       | 05/2003    | Moon                  |       |          |                               |
|                     |   | 6,567,416       | 05/2003    | Chuah                 |       |          |                               |
|                     |   | 6,567,670       | 05/2003    | Petersson             |       |          |                               |
|                     |   | 6,570,865       | 05/2003    | Masui et al.          |       |          |                               |
|                     |   | 6,571,296       | 05/2003    | Dillon                |       |          |                               |
|                     |   | 6,574,211       | 06/2003    | Padovani et al.       |       |          |                               |
|                     |   | 6,587,446       | 07/2003    | Sarkar et al.         |       |          |                               |
|                     |   | 6,597,913       | 07/2003    | Natarajan             |       |          |                               |
|                     | † | 6,611,231       | 08/26/2003 | Crilly et al.         |       |          |                               |
| ↓                   |   | 6,611,514       | 08/2003    | Moulsley              |       |          |                               |
| /JM/                |   | 6,621,807       | 09/2003    | Jung et al.           |       |          |                               |

|                            |                               |
|----------------------------|-------------------------------|
| EXAMINER<br>/Jason Mattis/ | DATE CONSIDERED<br>10/21/2010 |
|----------------------------|-------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|  |                                      |                          |
|--|--------------------------------------|--------------------------|
| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>TAN-2-1403.05.US | SERIAL NO.<br>09/997,732 |
|  | APPLICANT<br>James A. Proctor, Jr.   |                          |
|  | FILING DATE<br>November 29, 2001     | GROUP<br>2461            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE    | NAME             | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|-----------------|---------|------------------|-------|----------|-------------------------------|
| /JM/                |  | 6,621,808       | 09/2003 | Sadri            |       |          |                               |
|                     |  | 6,628,945       | 09/2003 | Koorapaty et al. |       |          |                               |
|                     |  | 6,633,554       | 10/2003 | Dalal            |       |          |                               |
|                     |  | 6,647,000       | 11/2003 | Persson et al.   |       |          |                               |
|                     |  | 6,674,739       | 01/2004 | Lee et al.       |       |          |                               |
|                     |  | 6,687,509       | 02/2004 | Schmutz et al.   |       |          |                               |
|                     |  | 6,690,652       | 02/2004 | Sadri            |       |          |                               |
|                     |  | 6,690,938       | 02/2004 | Chin             |       |          |                               |
|                     |  | 6,697,642       | 02/2004 | Thomas           |       |          |                               |
|                     |  | 6,707,804       | 03/2004 | Proctor          |       |          |                               |
|                     |  | 6,717,916       | 04/2004 | Ahn et al.       |       |          |                               |
|                     |  | 6,718,180       | 04/2004 | Lundh et al.     |       |          |                               |
|                     |  | 6,724,740       | 04/2004 | Choi et al.      |       |          |                               |
|                     |  | 6,724,743       | 04/2004 | Pigeonnat        |       |          |                               |
|                     |  | 6,731,954       | 05/2004 | Katz             |       |          |                               |
|                     |  | 6,735,188       | 05/2004 | Becker et al.    |       |          |                               |
|                     |  | 6,760,596       | 07/2004 | Fiorini et al.   |       |          |                               |
|                     |  | 6,768,727       | 07/2004 | Sourour et al.   |       |          |                               |
|                     |  | 6,775,558       | 08/2004 | Ranta et al.     |       |          |                               |
|                     |  | 6,782,277       | 08/2004 | Chen et al.      |       |          |                               |
|                     |  | 6,785,247       | 08/2004 | Lee              |       |          |                               |
|                     |  | 6,788,661       | 09/2004 | Ylitalo et al.   |       |          |                               |
|                     |  | 6,795,416       | 09/2004 | Han et al.       |       |          |                               |
|                     |  | 6,804,219       | 10/2004 | Koo et al.       |       |          |                               |
| ✓                   |  | 6,807,221       | 10/2004 | Kim et al.       |       |          |                               |
| /JM/                |  | 6,826,169       | 11/2004 | Nagatani et al.  |       |          |                               |

|                            |                               |
|----------------------------|-------------------------------|
| EXAMINER<br>/Jason Mattis/ | DATE CONSIDERED<br>10/21/2010 |
|----------------------------|-------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE    | NAME              | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--|-----------------|---------|-------------------|-------|----------|-------------------------------|
| /JM/                |  | 6,831,910       | 12/2004 | Moon et al.       |       |          |                               |
|                     |  | 6,845,089       | 01/2005 | Gu et al.         |       |          |                               |
|                     |  | 6,868,075       | 03/2005 | Narvinger et al.  |       |          |                               |
|                     |  | 6,925,068       | 08/2005 | Stanwood et al.   |       |          |                               |
|                     |  | 6,931,252       | 08/2005 | Aroudaki          |       |          |                               |
|                     |  | 6,934,319       | 08/2005 | Subramanian       |       |          |                               |
|                     |  | 6,940,845       | 09/2005 | Benveniste        |       |          |                               |
|                     |  | 6,954,444       | 10/2005 | Ji et al.         |       |          |                               |
|                     |  | 6,956,840       | 10/2005 | Proctor, Jr.      |       |          |                               |
|                     |  | 6,963,540       | 11/2005 | Choi et al.       |       |          |                               |
|                     |  | 6,977,910       | 12/2005 | Hosur et al.      |       |          |                               |
|                     |  | 6,999,471       | 02/2006 | Frazer et al.     |       |          |                               |
|                     |  | 7,027,420       | 04/2006 | Hamalainen        |       |          |                               |
|                     |  | 7,046,717       | 05/2006 | Kanterakis et al. |       |          |                               |
|                     |  | 7,079,507       | 07/2006 | Toskala et al.    |       |          |                               |
|                     |  | 7,079,523       | 07/2006 | Nelson Jr. et al. |       |          |                               |
|                     |  | 7,099,629       | 08/2006 | Bender            |       |          |                               |
|                     |  | 7,136,377       | 11/2006 | Tweedly et al.    |       |          |                               |
|                     |  | 7,158,504       | 01/2007 | Kadaba et al.     |       |          |                               |
|                     |  | 7,218,623       | 05/2007 | Proctor           |       |          |                               |
|                     |  | 7,221,664       | 05/2007 | Proctor           |       |          |                               |
|                     |  | 7,266,107       | 09/2007 | Choi et al.       |       |          |                               |
|                     |  | 7,340,256       | 03/2008 | Speight           |       |          |                               |
|                     |  | 2001/0030990    | 10/2001 | Rouphael et al.   |       |          |                               |
| ✓                   |  | 2001/0033558    | 10/2001 | Matsuki           |       |          |                               |
| /JM/                |  | 2001/0036200    | 11/2001 | Nelson et al.     |       |          |                               |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |   |                                 |
|---|---|---------------------------------|
| <b>FORM PTO-1449</b><br><br><b>U.S. DEPARTMENT OF COMMERCE</b><br><b>PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE</b><br><b>STATEMENT BY APPLICANT</b><br><br>(Use several sheets if necessary) | <b>ATTY. DOCKET NO.</b><br>TAN-2-1403.05.US | <b>SERIAL NO.</b><br>09/997,732 |
|   | <b>APPLICANT</b><br>James A. Proctor, Jr.   |                                 |
|   | <b>FILING DATE</b><br>November 29, 2001     | <b>GROUP</b><br>2461            |

| EXAMINER<br>INITIAL |   | DOCUMENT NUMBER | DATE       | NAME            | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|---|-----------------|------------|-----------------|-------|----------|-------------------------------|
| /JM/                |   | 2001/0038674    | 11/2001    | Trans           |       |          |                               |
|                     |   | 2001/0039191    | 11/2001    | Maierhofer      |       |          |                               |
|                     |   | 2002/0009061    | 01/2002    | Willenegger     |       |          |                               |
|                     | † | 2002/0012332    | 01/2002    | Tiedmann et al. |       |          |                               |
|                     |   | 2002/0045441    | 04/2002    | Ralston et al.  |       |          |                               |
|                     |   | 2002/0080024    | 06/2002    | Nelson et al.   |       |          |                               |
|                     |   | 2002/0097700    | 07/25/2002 | Alastalo        |       |          |                               |
|                     |   | 2002/0141478    | 10/2002    | Ozluturk et al. |       |          |                               |
|                     |   | 2003/0060224    | 03/2003    | Nelson et al.   |       |          |                               |
|                     |   | 2003/0095517    | 05/22/2003 | Proctor, Jr.    |       |          |                               |
|                     |   | 2003/0123401    | 07/2003    | Dean            |       |          |                               |
|                     |   | 2004/0005078    | 01/08/2004 | Tillotson       |       |          |                               |
|                     |   | 2004/0009785    | 01/2004    | Nelson et al.   |       |          |                               |
|                     |   | 2004/0047328    | 03/2004    | Proctor et al.  |       |          |                               |
|                     |   | 2004/0073803    | 04/15/2004 | Keramane        |       |          |                               |
|                     |   | 2004/0160910    | 08/2004    | Gorsuch et al.  |       |          |                               |
|                     |   | 2004/0180696    | 09/2004    | Foore et al.    |       |          |                               |
| /JM/                |   | 2005/0208961    | 09/2005    | Willenegger     |       |          |                               |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|--|-----------------|---------|---------|-------|----------|-------------|----|
|                     |  |                 |         |         |       |          | YES         | NO |
| /JM/                |  | 2812575         | 09/1979 | DE      |       |          |             |    |
|                     |  | 0 443 061       | 08/1991 | EP      |       |          |             |    |
|                     |  | 0 475 698       | 03/1997 | EP      |       |          |             |    |
|                     |  | 0 526 106       | 02/1993 | EP      |       |          |             |    |
| /JM/                |  | 0 682 423       | 11/1995 | EP      |       |          |             |    |

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| <b>EXAMINER</b><br>/Jason Mattis/ | <b>DATE CONSIDERED</b><br>10/21/2010 |
|-----------------------------------|--------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



|   |   |                                 |
|---|---|---------------------------------|
| <b>FORM PTO-1449</b><br><br><b>U.S. DEPARTMENT OF COMMERCE</b><br><b>PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE</b><br><b>STATEMENT BY APPLICANT</b><br><br>(Use several sheets if necessary) | <b>ATTY. DOCKET NO.</b><br>TAN-2-1403.05.US | <b>SERIAL NO.</b><br>09/997,732 |
|   | <b>APPLICANT</b><br>James A. Proctor, Jr.   |                                 |
|   | <b>FILING DATE</b><br>November 29, 2001     | <b>GROUP</b><br>2461            |

| EXAMINER<br>INITIAL               | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS                                | SUBCLASS | TRANSLATION |    |
|-----------------------------------|-----------------|---------|---------|--------------------------------------|----------|-------------|----|
|                                   |                 |         |         |                                      |          | YES         | NO |
| /JM/                              | 0 682 426       | 11/1995 | EP      |                                      |          |             |    |
|                                   | 0 719 062       | 06/1996 | EP      |                                      |          |             |    |
|                                   | 0 720 309       | 07/1996 | EP      |                                      |          |             |    |
|                                   | 0 773 636       | 05/1997 | EP      |                                      |          |             |    |
|                                   | 0 808 074       | 11/1997 | EP      |                                      |          |             |    |
|                                   | 0 907 262       | 04/1999 | EP      |                                      |          |             |    |
|                                   | 0 910 176       | 04/1999 | EP      |                                      |          |             |    |
|                                   | 1 018 809       | 12/2000 | EP      |                                      |          |             |    |
|                                   | 2 326 524       | 12/1998 | GB      |                                      |          |             |    |
|                                   | 59-050603       | 03/1984 | JP      |                                      |          | X**         |    |
|                                   | 02-177643       | 07/1990 | JP      |                                      |          |             |    |
|                                   | 03-049324       | 03/1991 | JP      |                                      |          | X**         |    |
|                                   | 07-067164       | 03/1995 | JP      |                                      |          | X**         |    |
|                                   | 07-095151       | 04/1995 | JP      |                                      |          | X**         |    |
|                                   | 07-264098       | 10/1995 | JP      |                                      |          |             |    |
|                                   | 08-065273       | 03/1996 | JP      |                                      |          |             |    |
|                                   | 09-055693       | 02/1997 | JP      |                                      |          | X**         |    |
|                                   | 566045          | 12/2003 | TW      |                                      |          | X**         |    |
|                                   | 200536325       | 11/2005 | TW      |                                      |          | X**         |    |
|                                   | 95/08900        | 03/1995 | WO      |                                      |          |             |    |
|                                   | 96/08934        | 03/1996 | WO      |                                      |          |             |    |
|                                   | 96/19050        | 06/1996 | WO      |                                      |          |             |    |
|                                   | 96/27994        | 12/1996 | WO      |                                      |          |             |    |
|                                   | 96/37081        | 11/1996 | WO      |                                      |          |             |    |
| /JM/                              | 97/23073        | 06/1997 | WO      |                                      |          |             |    |
| <b>EXAMINER</b><br>/Jason Mattis/ |                 |         |         | <b>DATE CONSIDERED</b><br>10/21/2010 |          |             |    |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|  |                                      |                          |
|--|--------------------------------------|--------------------------|
| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>TAN-2-1403.05.US | SERIAL NO.<br>09/997,732 |
|  | APPLICANT<br>James A. Proctor, Jr.   |                          |
|  | FILING DATE<br>November 29, 2001     | GROUP<br>2461            |

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|--|-----------------|---------|---------|-------|----------|-------------|----|
|                     |  |                 |         |         |       |          | YES         | NO |
| /JM/                |  | 97/26726        | 07/1997 | WO      |       |          |             |    |
| ↓                   |  | 97/32412        | 09/1997 | WO      |       |          |             |    |
|                     |  | 97/46041        | 04/1997 | WO      |       |          |             |    |
|                     |  | 97/46044        | 12/1997 | WO      |       |          |             |    |
|                     |  | 99/14869        | 03/1999 | WO      |       |          |             |    |
|                     |  | 99/31811        | 06/1999 | WO      |       |          |             |    |
|                     |  | 99/52306        | 10/1999 | WO      |       |          |             |    |
|                     |  | 99/63682        | 12/1999 | WO      |       |          |             |    |
| /JM/                |  | 00/72464        | 11/2000 | WO      |       |          |             |    |

## OTHER DOCUMENTS

| EXAMINER<br>INITIAL |  | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|---------------------|--|--|
| /JM/                |  | Attachment 2, <i>High Speed Data RLP</i> Lucent Technologies, Version 0.1, January 16, 1997.   |
| ↓                   |  | Azad et al., Multirate Spread Spectrum Direct Sequence CDMA Techniques, 1994, The Institute of Electrical Engineers.   |
|                     |  | Bell Labs Technical Journal, Lucent Technologies, Volume 2, Number 3, Summer 1997.   |
|                     |  | Budka et al., Cellular Digital Packet Data Networks, Bell Labs Technical Journal, Summer 1997, Pages 164-181.  |
|                     |  | Cellular Digital Packet Data, System Specification, Release 1.1, January 19, 1995.   |
| /JM/                |  | CHELOUAH, A., ET AL., "Angular Diversity Based on Beam Switching of Circular Arrays for Hiperlan Terminals," <i>Electronics Letters</i> , Vol. 36, No. 5, pp. 387-388, (March 2, 2000) |

|                            |                               |
|----------------------------|-------------------------------|
| EXAMINER<br>/Jason Mattis/ | DATE CONSIDERED<br>10/21/2010 |
|----------------------------|-------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|---------------------|--|--|
| /JM/                |  | Chih-Lin I et al., IS-95 Enhancements for Multimedia Services, Bell Labs Technical Journal, Pages 60-87, Autumn 1996.  |
|                     |  | Chih-Lin I et al., Load and Interference Based Demand Assignment (LIDA) for Integrated Services in CDMA Wireless Systems, November 18, 1996, Pages 235-241.  |
|                     |  | Chih-Lin I et al., Multi-Code CDMA Wireless Personal Communications Networks, June 18, 1995.<br>2005   |
|                     |  | Chih-Lin I et al., Performance of Multi-Code CDMA Wireless Personal Communications Networks, July 25, 1995.  |
|                     |  | Chih-Lin I et al., Variable Spreading Gain CDMA with Adaptive Control for True Packet Switching Wireless Network, 1995, Pages 725-730.   |
|                     |  | Chung, Packet Synchronization and Identification for Incremental Redundancy Transmission in FH-CDMA Systems, 1992, IEEE, Pages 292-295.  |
|                     |  | <i>Data Service Options for Wideband Spread Spectrum Systems.</i> TIA/EIA Interim Standard. TIA/EIA/IS-707-A. April 1999.  |
|                     |  | Data Service Options for Wideband Spread Spectrum Systems: Introduction, PN-3676. 1 (to be published as TIA/EIA/IS-707.1), March 20, 1997 (Content Revision 1).  |
|                     |  | <i>Data Services Option Standard for Wideband Spread Spectrum Digital Cellular System.</i> TIA/EIA/IS-99. TIA/EIA Interim Standard. July 1995.   |
|                     |  | <i>Data Services Options Standard for Wideband Spread Spectrum Systems: Packet Data Services.</i> PN-3676.5 (to be published as TIA/EIA/IS-707.5) Ballot Version, May 30, 1997.                                    |
| ↓                   |  | Data Standard, Packet Data Section, PN-3676.5 (to be published as TIA/EIA/IS-DATA.5), December 8, 1996, Version 02 (Content Revision 03).  |
| /JM/                |  | Draft Text for "95C" Physical Layer (Revision 4), Part 1, Document #531-981-20814-95C, Part 1 on 3GPP2 website (ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%201.pdf).<br>1998 |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|---------------------|--|--|
| /JM/                |  | Draft Text for "95C" Physical Layer (Revision 4), Part 2, Document #531-981-20814-95C, part 2 on 3GGP2 website ( <a href="ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%202.pdf">ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%202.pdf</a> , 1998). 1998 |
|                     |  | DURNAN, G.J., ET AL. "Optimization of Microwave Parabolic Antenna Systems Using Switched Parasitic Feed Structures," URSI National Science Meeting, Boulder, CO, p. 323, (January 4-8, 2000)   |
|                     |  | DURNAN, G.J., ET AL., "Switched Parasitic Feeds for Parabolic Antenna Angle Diversity," <i>Microwave and Optical Tech. Letters</i> , Vol. 23, No. 4, pp. 200-2003(November 20, 1999)   |
|                     |  | Ejzak et al., Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, Revision 0.1, May 5, 1997.  |
|                     |  | Ejzak et al., Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, April 14, 1997.   |
|                     |  | Ejzak, et al. <i>Proposal for High Speed Packet Data Service, Version 0.1</i> . Lucent Technologies, January 16, 1997.   |
|                     |  | Elhakeem, Congestion Control in Signalling Free Hybrid ATM/CDMA Satellite Network, IEEE, 1995, Pages 783-787.  |
|                     |  | GIGER, A.J., <i>Low-Angle Microwave Propagation: Physics and Modeling</i> , Norwood, MA, Artech House, (1991)  |
|                     |  | Hall et al., Design and Analysis of Turbo Codes on Rayleigh Fading Channels, IEEE Journal on Selected Areas in Communications, Vol. 16, No. 2, February 1998, Pages 160-174.   |
|                     |  | HARRINGTON, R.F., "Reactively Controlled Antenna Arrays," <i>IEEE APS International Symposium Digest</i> , Amherst, MA, pp.62-65, (October 1976)   |
|                     |  | HARRINGTON, R.F., "Reactively Controlled Directive Arrays," <i>IEEE Trans. Antennas and Propagation</i> , Vol. AP-26, No. 3, pp. 390-395, (May 1978)   |
| /JM/                |  | Heine, Gunnar, "The Air-Interface of GSM", in GSM Networks: Protocols, Terminology, and Implementation, (MA: Artech House, Inc.), pp. 89-100 (1999)  |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|---------------------|--|--|
| /JM/                |  | High Data Rate (HDR) Solution, Qualcomm, December 1998.  |
|                     |  | High Data Rate (HDR), cdmaOne optimized for high speed, high capacity data, Wireless Infrastructure, Qualcomm, September 1998.   |
|                     |  | Hindelang et al., Using Powerful "Turbo" Codes for 14.4 Kbit/s Data Service in GSM or PCS Systems, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1997, Vol. II, Pages 649-653. |
|                     |  | Honkasalo, Harri. <i>High Speed Data Air Interface</i> . 1996.   |
|                     |  | <i>Introduction to cdma2000 Spread Spectrum Systems, Release C</i> . TIA/EIA Interim Standard. TIA/EIA/IS-2000.1-C. May, 2002.   |
|                     |  | JAMES, J.R. ET AL., "Electrically Short Monopole Antennas with Dielectric or Ferrite Coatings," Proc. IEEE, Vol. 125, pp.793-803, (September 1978)   |
|                     |  | JAMES, J.R., ET AL., "Reduction of Antenna Dimensions with Dielectric Loading," <i>Electronics Letters</i> , Vol. 10, No. 13, pp. 263-265, (May 1974)  |
|                     |  | Kaiser et al., Multi-Carrier CDMA with Iterative Decoding and Soft-Interference Cancellation, Proceedings of Globecom 1997, Vol. 1, Pages 523-529.   |
|                     |  | KING, R.W.P., "The Many Faces of the Insulated Antenna," Proc. IEEE, Vol. 64, No.2, pp. 228-238, (February 1976)   |
|                     |  | KINGSLEY, S.P., ET AL., "Beam Steering and Monopulse Processing of Probe-Fed Dielectric Resonator Antennas," <i>IEEE Proc.-Radar, Sonar, Navigation</i> , Vol. 146, No. 3, pp.121-125, (June 1999)           |
| ↓                   |  | KNIGHT, P., "Low-Frequency Behavior of the Beverage Aerial," <i>Electronics Letter</i> , Vol. 13, No. 1, pp. 21-22, (January 1977)   |
| /JM/                |  | Knisely, Douglas, N. Telecommunications Industry Association Subcommittee TR-45.5 - <i>Wideband Spread Spectrum Digital Technologies Standards</i> . Banff, Alberta. February 24, 1997 (TR45.5/97.02.24)21.  |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)  |
|---------------------|--|---|
| /JM/                |  | Knisely, Douglas, N. Telecommunications Industry Association Subcommittee TR-45.5-Wideband Spread Spectrum Digital Technologies Standards, Working Group III-Physical Layer. Banff, Alberta. February 24, 1997 (TR45.5/97.02.24)22.         |
|                     |  | Knisely, Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, January 16, 1997.   |
|                     |  | Krzymien et al., Rapid Acquisition Algorithms for Synchronization of Bursty Transmissions in CDMA Microcellular and Personal Wireless Systems, IEEE Journal on Selected Areas in Communications, Vol. 14, No. 3, April 1996, Pages 570-579. |
|                     |  | Kumar et al, An Access Scheme for High Speed Packet Data Service on IS-95 based CDMA, February 11, 1997.  |
|                     |  | Lau et al., A Channel-State-Dependent Bandwidth Allocation scheme for Integrated Isochronous and Bursty Media Data in a Cellular Mobile Information System, IEEE, 2000, Pages 524-528.  |
|                     |  | LEE ET AL., "A Novel Hybrid CDMA/TDMA Protocol with a Reservation Request Slot for Wireless ATM Networks," IEICE Transactions on Communications, Vol. E82-B, No. 7, pp. 1073-1076 (July 25, 1999). X**                                      |
|                     |  | Liu et al., Channel Access and Interference Issues in Multi-Code DS-CDMA Wireless Packet (ATM) Networks, Wireless Networks 2, Pages 173-196, 1996.  |
|                     |  | LONG, S.A., ET AL., "The Resonant Cylindrical Dielectric Cavity Antenna," <i>IEEE Trans. Antennas and Propagation</i> , Vol. AP-31, No. 3, pp. 406-412, (May 1983)  |
|                     |  | LU, J., ET AL., "Multi-beam Switched Parasitic Antenna Embedded in Dielectric for Wireless Communications Systems," <i>Electronics Letters</i> , Vol. 37, No. 14, pp.871-872, (July 5, 2001)  |
|                     |  | Lucent Technologies Presentation First Slide Titled, Summary of Multi-Channel Signaling Protocol, April 6, 1997.  |
| ↓                   |  | Lucent Technologies Presentation First Slide Titled, Why Support Symmetric HSD (Phase 1C), February 21, 1997.   |
| /JM/                |  | LUZWICK, J., ET AL., "A Reactively Loaded Aperture Antenna Array," <i>IEEE Trans. Antennas and Propagation</i> , Vol. AP-26, No. 4, pp. 543-547, (July 1978)  |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|---------------------|--|--|
| /JM/                |  | MCCALLISTER, M.W. ET AL., "Resonant Hemispherical Dielectric Antenna," <i>Electronics Letters</i> , Vol. 20, no. 16, pp. 657-659, (August 1984)  |
|                     |  | MCCALLISTER, M.W., ET AL., "Rectangular Dielectric Resonator Antenna," <i>Electronics Letter</i> , Vol. 19, No. 6, pp. 218-219, (March 1983)   |
|                     |  | Melanchuk et al. <i>CDPD and Emerging Digital Cellular Systems</i> , Digest of Papers of COMPCN, Computer Society Conference 1996, Santa Clara, CA, no. CONF. 41, February 25, 1996, pp. 2-8, XP000628458. |
|                     |  | MILNE, R.M.T., "A Small Adaptive Array Antenna for Mobile Communications," <i>IEEE APS International Symposium Digest</i> , pp. 797-800, (1985)  |
|                     |  | Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System, TIA Interim Standard, TIA/EIA/IS-95-A (Addendum to TIA/EIA/IS-95), May 1995.                    |
|                     |  | Mobile Station-Base Station Compatibility Standard for Wideband Spread Spectrum Cellular Systems, TIA/EIA Standard, TIA/EIA-95-B (Upgrade and Revision of TIA/EIA-95-A), March 1999.                       |
|                     |  | Motorola, Version 1.0. <i>Motorola High Speed Data Air Interface Proposal Comparisons and Recommendations</i> . January 27, 1997.  |
|                     |  | MSC-BS Interface (A-Interface) for Public 800 MHz. TIA/EIA/IS-634-A. TIA/EIA Interim Standard (Revision of TIA/EIA/IS-634) July 1998.  |
|                     |  | MSC-BS Interface for Public 800 MHz. TIA/EIA/IS-634. TIA/EIA Interim Standard, December 1995.  |
|                     |  | Network Wireless Systems Offer Business Unit (NWS OBU), Feature Definition Document for Code Division Multiple Access (CDMA) Packet Mode Data Services, FDD-1444, November 26, 1996.                       |
| ↓                   |  | Ott, David TR45.5, CDMA WBSS Technical Standards Meeting Summary. February 24-28, 1997 Banff, Alberta.   |
| /JM/                |  | Ovesjö Frederik, European Telecommunication Standard, SMG2 UMTS physical Layer Expert Group, "UTRA Physical Layer Descriptions FDD parts" (v0.4, 1998-06-25), pp. 1-41, XP-002141421.                      |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |  | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|---------------------|--|--|
| /JM/                |  | Packet Data Service Option Standard for Wideband Spread Spectrum Systems, TIA/EIA Interim Standard, TIA/EIA/IS-657, July 1996.   |
|                     |  | <i>Physical Layer Standard for cdma2000 Spread Spectrum Systems, Release C.</i> TIA/EIA Interim Standard. TIA/EIA/IS-2000.2C. May, 2002.   |
|                     |  | PRESTON, S., ET AL., "Direction Finding Using a Switched Parasitic Antenna Array," <i>IEEE APS International Symposium Digest</i> , Montreal, Canada, pp. 1024-1027, (1997)  |
|                     |  | PRESTON, S.L., ET AL., 'A Multibeam Antenna Using Switched Parasitic and Switched Active Elements for Space-Division Multiple Access Applications,' <i>IEICE Trans. Electron.</i> , Vol. E82-C, No. 7, pp.1202-1210, (July 1999)                     |
|                     |  | PRESTON, S.L., ET AL., "Base-Station Tracking in Mobile Communications using a Switched Parasitic Antenna Array," <i>IEEE Trans. Antennas and Propagation</i> , Vol. 46, No. 6, pp. 841-844, (June, 1998)  |
|                     |  | PRESTON, S.L., ET AL., "Electronic Beam Steering Using Switched Parasitic Patch Elements," <i>Electronics Letters</i> , Vol. 33, no. 1, pp. 7-8, (January 2, 1997)   |
|                     |  | PRESTON, S.L., ET AL., "Size Reduction of Switched Parasitic Directional Antennas Using Genetic Algorithm Optimization Techniques," <i>Asia Pacific Microwave Conference Proceedings</i> , Yokohama, Japan, pp. 1401-1404, (1998)                    |
|                     |  | PRESTON, S.L., ET AL., "Systematic Approach to the Design of Directional Antennas Using Switched Parasitic and Switched Active Elements," <i>Asia Pacific Microwave Conference Proceedings</i> , Yokohama, Japan, pp. 531-534, (1998)                |
|                     |  | Puleston, PPP Protocol Spoofing Control Protocol, Global Village Communication (UK) Ltd., February 1996.   |
|                     |  | Reed et al., Iterative Multiuser Detection for CDMA with FEC: Near-Single-User Performance, <i>IEEE Transactions on Communications</i> , Vol. 46, No. 12, December 1998, Pages 1693-1699.  |
|                     |  | RUZE, J., "Lateral-Feed Displacement in a Paraboloid," <i>IEEE Trans. Antennas and Propagation</i> , Vol. 13, pp. 660-665, (1965)  |
| /JM/                |  | SCOTT, N.L., ET AL., "Diversity Gain from a Single-Port Adaptive Antenna Using Switched Parasitic Elements Illustrated with a Wire and Monopole Prototype," <i>IEEE Trans. Antennas and Propagation</i> , Vol. 47, No. 6, pp. 1066-1070, (June 1999) |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |   | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|---------------------|---|--|
| /JM/                |   | Shacham, et al., "A Selective-Repeat-ARQ Protocol for Parallel Channels and Its Resequencing Analysis," IEEE Transactions On Communications, XP000297814, 40 (4): 773-782 (Apr. 1997).                       |
|                     |   | SIBILLE, A., ET AL., "Circular Switched Monopole Arrays for beam Steering Wireless Communications," <i>Electronics Letters</i> , Vol. 33, No. 7, pp. 551-552, (March 1997)                                   |
|                     |   | Simpson, W. (Editor). "RFC 1661 – The Point-to-Point Protocol (PPP)." Network Working Group, July 1994, pgs. 1-35. <a href="http://www.faqs.org/rfcs/rfc1661.html">http://www.faqs.org/rfcs/rfc1661.html</a> |
|                     |   | Simpson, W. (Editor). "RFC 1662 – PPP in HDLC-Like Framing." Network Working Group, July 1994, pgs. 1-17. <a href="http://www.faqs.org/rfcs/rfc1662.html">http://www.faqs.org/rfcs/rfc1662.html</a>          |
|                     |   | Skinner et al., Performance of Reverse-Link Packet Transmission in Mobile Cellular CDMA Networks, IEEE, 2001, Pages 1019-1023.   |
|                     |   | Stage 1 Service Description for Data Services - High Speed Data Services (Version 0.10) CDG RF 38. December 3, 1996.   |
|                     |   | Support for 14.4 kbps Data Rate and PCS Interaction for Wideband Spread Spectrum Cellular Systems. TSB74, December 1995. TIA/EIA Telecommunications Systems Bulletin.  |
|                     |   | Telecommunications Industry Association Meeting Summary. Task Group I, Working Group III, Subcommittee TR45.5. February 24-27, 1997. Banff, Alberta.   |
|                     |   | Telecommunications Industry Association Meeting Summary. Task Group I, Working Group III, Subcommittee TR45.5. January 6-8, 1997. Newport Beach, California.   |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT 2, "cdma2000 High Rate Packet Data Air Interference Specification," 3GPP2 C.S0024 Version 2.0 (October 27, 2000).   |
| ↓                   | * | THIRD GENERATION PARTNERSHIP PROJECT 2, "Physical Layer Standard for cdma2000 Spread Spectrum Systems," 3GPP2 C.0002-0 Version 1.0 (July 1999).  |
| /JM/                | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical Layer Procedures (FDD) (Release 1999)." 3GPP TS 25.214 v3.1.0 (December 1999).                           |

The PTO did not receive the following listed item(s) marked up documents NFL only

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |   | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)  |
|---------------------|---|---|
| /JM/                | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical Layer Procedures (FDD) (Release 1999)." 3GPP TS 25.214 v3.5.0 (December 2000).  |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 1999)," 3GPP TS 25.224 V3.1.0 (December 1999).  |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 1999)," 3GPP TS 25.224 V3.5.0 (December 2000).  |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Spreading and modulation (TDD) (Release 1999)," 3GPP TS 25.223 V3.1.0 (December 1999).   |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Spreading and modulation (TDD) (Release 1999)," 3GPP TS 25.223 V3.4.0 (September 2000).  |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Radio Resource Management Strategies (3G TR 25.922 version 3.0.0)," 3G TR 25.922 V3.0.0 (December 1999).   |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Radio Resource Management Strategies (Release 1999)," 3G TR 25.922 V3.4.0 (December 2000).   |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; MAC protocol specification (3G TS 25.321 version 3.2.0)," 3G TS 25.321 V3.2.0 (December 1999).   |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; MAC protocol specification (Release 1999)," 3G TS 25.321 V3.6.0 (December 2000).   |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Services provided by the physical layer (Release 1999)," 3GPP TS 25.302 V3.7.0 (December 2000).  |
| ↓                   | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Services provided by the physical layer (Release 1999)," 3GPP TS 25.302 V3.2.0 (December 1999).  |
| /JM/                | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD) (3G TS 25.221 version 3.1.0)," 3G TS 25.221 V3.1.0 (December 1999). |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |   | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)  |
|---------------------|---|---|
| /JM/                | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD) (Release 1999)," 3G TS 25.221 V3.5.0 (December 2000). |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; RRC Protocol Specification (3G TS 25.331 version 3.1.0 Release 1999)," 3G TS 25.331 V3.1.0 (January 2000).                             |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; RRC Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.5.0 (December 2000).   |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network, Synchronisation in UTRAN Stage 2 (Release 1999)," 3GPP TS 25.402 V3.4.0 (December 2000).   |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network, Synchronisation in UTRAN Stage 2 (3G TS 25.402 version 3.0.0 Release 1999)," 3GPP TS 25.402 V3.4.0 (December 2000).                    |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical Layer Procedures (FDD) (Release 1999)," 3GPP TS 25.214 v3.10.0 (March 2002).  |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical layer procedures (TDD) (Release 1999)," 3GPP TS 25.224 V3.10.0 (March 2002).  |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Spreading and modulation (TDD) (Release 1999)," 3GPP TS 25.223 V3.8.0 (March 2002).  |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Radio Resource Management Strategies (Release 1999)," 3G TR 25.922 V3.7.0 (March 2002).  |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; MAC protocol specification (3G TS 25.321 version 3.2.0)," 3G TS 25.321 V3.11.0 (March 2002).   |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Services provided by the physical layer (Release 1999)," 3GPP TS 25.302 V3.12.0 (March 2002).  |
| /JM/                | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD) (Release 1999)," 3G TS 25.221 V3.10.0 (March 2002).   |

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |  |                                  |
|---|--|----------------------------------|
| <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> | <p>ATTY. DOCKET NO.<br/>TAN-2-1403.05.US</p> | <p>SERIAL NO.<br/>09/997,732</p> |
|   | <p>APPLICANT<br/>James A. Proctor, Jr.</p>   |                                  |
|   | <p>FILING DATE<br/>November 29, 2001</p>     | <p>GROUP<br/>2461</p>            |

| EXAMINER<br>INITIAL |   | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)  |
|---------------------|---|---|
| /JM/                | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; RRC Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.10.0 (March 2002).               |
|                     | * | THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network, Synchronisation in UTRAN Stage 2 (Release 1999)," 3GPP TS 25.402 V3.9.0 (March 2002).          |
|                     |   | TIA/EIA Interim Standard, Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System, TIA/EIA/IS-95 (July 1993).                           |
|                     |   | TSUI ET AL., "Sensitivity of EW Receivers," Microwave Journal, vol. 25, pgs. 115-117, 120 (Nov. 1982).  |
|                     |   | <i>Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems, Release C.</i> TIA/EIA Interim Standard. TIA/EIA/IS-2000.5-C. May, 2002.                                |
|                     |   | VAUGHN, R., "Switched Parasitic Elements for Antenna Diversity," <i>IEEE Trans. Antennas and Propagation</i> , Vol. 47, No. 2, pp. 399-405, (February 1999)                               |
|                     |   | Viterbi, The Path to Next Generation Services with CDMA, Qualcomm Incorporated, 1998 CDMA Americas Congress, Los Angeles, California, November 19, 1998.                                  |
|                     |   | Wang et al., The Performance of Turbo-Codes in Asynchronous DS-CDMA, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1997, Vol. III, Pages 1548-1551.<br>2007 |
|                     |   | <u>WWW.CDG.ORG/NEWS/PRESS/1997.ASP.</u> CDA Press Release Archive, 1997.  |
| /JM/                |   | YANG, SAMUEL C., "Principles of Code Division Multiple Access," In CDMA RF System Engineering, (MA: Artech House, Inc.), 1998, Chapter 4, pp 75-103.                                      |

X\*\* English abstract provided.

<sup>1</sup> Corresponds to EP 0635949; <sup>2</sup> Corresponds to FR 2761557; <sup>3</sup> Corresponds to JP 2000-92019.

|                                    |                                       |
|------------------------------------|---------------------------------------|
| <p>EXAMINER<br/>/Jason Mattis/</p> | <p>DATE CONSIDERED<br/>10/21/2010</p> |
|------------------------------------|---------------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.